

DISTRICT EIGHT
POLK COUNTY HEALTH DEPARTMENTWILLIAM F. HILL, JR., M.D.
DIRECTORP.O. BOX 1480
229 AVENUE D, N.W.
WINTER HAVEN, FLORIDA
33880

March 2, 1977

Rad Health/ Land Survey
Crystal Acres S/D 1st Add.

DIRECT SERVICE UNITS

1755 HOLLAND PKWY., SOUTH
BARTOW, FLORIDA 33830111 NORTH 11TH STREET
HAINES CITY, FLORIDA 33844305 WEST CENTRAL AVENUE
LAKE WALES, FLORIDA 33853103 EAST CANAL STREET
MULBERRY, FLORIDA 33860

DIRECT SERVICE UNITS

1333 NORTH FLORIDA AVENUE
LAKELAND, FLORIDA 33801P.O. BOX 33
WAVERLY, FLORIDA 338772 NORTH REEDY BLVD.
FROSTPROOF, FLORIDA 33843243 E. LAKE AVENUE
AUBURNDALE, FLORIDA 33823Mr. Elliott V. Reed
P. O. Box 74
Lakeland, Florida 33802SITE: Florida Phosphate
BREAK: 17.8
OTHER: V. 14

Dear Mr. Reed:

Attached you will find the rough gamma radiation survey of the above referenced property that you requested. The survey values are in MicroR/hr. while the criteria below is in mR/hr. This means that 10 MicroR/hr. is equivalent to .01 mR/hr.

Interim Recommendations For Gamma Exposure Levels
At New Structures Sites on Florida Phosphate LandsExternal Gamma Radiation Level

Equal or greater than 0.01 mR/hr

Less than .01 mR/hr

Recommendations

Construction should be delayed pending additional study or acceptable control technology should be instituted to preclude indoor radon daughter problems

Construction may be initiated

As you will note quite a few of the readings obtained exceeds the recommended levels. There appeared to be a considerable amount of phosphatic clays and debris on the site that could account for the high levels. Should you wish to discuss this further or discuss the possibility of utilizing control technology in the structures, please do not hesitate to contact me.

Sincerely,

Donald R. Guthrie, P.E.
Sanitary Engineer

DRG:mmk



10517199

U . S . E P A R E G I O N I V

SDMS

Unscannable Material Target Sheet

DocID: 10517199 Site ID: FLPHOSPHATE

Site Name: Florida Phosphate

Nature of Material:

Map: ✓

Computer Disks:

Photos:

CD-ROM:

Blueprints:

Oversized Report:

Slides:

Log Book:

Other (describe): Brough Gamma Radiation (11-74)

Amount of material:

Please contact the appropriate Records Center to view the material.